

## PATENT APPLICATION

Sheet 1 of 7

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>200310172-1</b>	APPLICATION NO. <b>10/768,442</b>	CONFIRMATION NO.
	APPLICANT <b>S. Brandon Keller, et al.</b>		
	FILING DATE <b>Herewith 1/30/04</b>	GROUP <b>2825</b>	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

W	1Q	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,596, Entitled: System And Method Analyzing Design Elements In Computer Aided Design Tools; Filed August 25, 2003
M	1R	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,608, Entitled: System And Method For Determining Unmatched Design Elements In A Computer-Automated Design; Filed August 25, 2003
M	1S	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,606; Entitled: System And Method For Determining Connectivity Of Nets In A Hierarchical Circuit Design; Filed August 25, 2003

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	2L					
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	2O					
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

W	2Q	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,598, Entitled: Computer Aided Design System And Methods With Reduced Memory Utilization; Filed August 25, 2003
W	2R	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,688, Entitled: System And Method For Iteratively Traversing A Hierarchical Circuit Design; Filed August 25, 2003
W	2S	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,769, Entitled: Systems And Methods For Establishing Data Model Consistency Of Computer Aided Design Tools; Filed August 25, 2003

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3L					
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

W  W  W	3Q  3R  3S	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,594, Entitled: Systems And Methods For Determining Activity Factors Of A Circuit Design; Filed August 25, 2003  KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,687, Entitled: Systems And Methods Utilizing Fast Analysis Information During Detailed Analysis Of A Circuit Design; Filed August 25, 2003  KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,595, Entitled: System And Method For Determining Applicable Configuration Information For Use In Analysis Of A Computer Aided Design; Filed August 25, 2003
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FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. 200310172-1	APPLICATION NO. 10768,442	CONFIRMATION NO.
		APPLICANT S. Brandon Keller, et al.		
		FILING DATE Herewith 1/30/4	GROUP	2825

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	4L				
	4M				
	4N				
	4O				
	4P				

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

W	4Q	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,607, Entitled: Systems And Methods For Identifying Data Sources Associated With A Circuit Design; Filed August 25, 2003
(W)	4R	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,605, Entitled: Systems And Methods For Performing Circuit Analysis On A Circuit Design; Filed August 25, 2003
(W)	4S	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/647,788, Entitled: System And Method For Determining A Highest Level Signal Name In A Hierarchical VLSI Design; Filed August 25, 2003

EXAMINER	DATE CONSIDERED
	1/31/6

FORM PTO-1449		ATTY. DOCKET NO. 200310172-1	APPLICATION NO. 10768,442	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT S. Brandon Keller, et al.		
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5L					
5M					
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5P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

(W)	5Q	KELLER, S. Brandon; ROGERS, Dennis R.; ROBBERT, George H.; U.S. Patent Application Serial Number 10/847,597, Entitled: System And Method For Determining Wire Capacitance For A VLSI Circuit; Filed August 25, 2003
(M)	5R	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,682, Entitled: Method And Program Product For Determining Nets Requiring Detailed Electromigration And Self Heating Analysis In A Digital Integrated Circuit; Filed November 12, 2003
(W)	5S	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,698, Entitled: Method And Program Product For Performing Self-Heating Analysis In A Digital Integrated Circuit Through A Single Cycle Transient Simulation; Filed November 12, 2003

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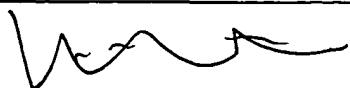
## FOREIGN PATENT DOCUMENTS

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	6P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

W	6Q	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,378, Entitled: Method And Program For Visual Display and One-Click Repair Of Electromigration And Self Heating Design-Rule Violations In A Digital Integrated Circuit Layout Database; Filed November 12, 2003
W	6R	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,501, Entitled: Method And Program Product For Performing Electromigration Analysis In A Digital Integrated Circuit By Converting A Netlist To A DC Model And Performing DC Analysis Of The DC Model; Filed November 12, 2003
W	6S	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,526, Entitled: Method And Program Product For Performing A Worst Case Electromigration And Self Heating Analysis In A Digital Integrated Circuit With Worst-Case Superposition Of Partial Currents; Filed November 12, 2003

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1/31/6

FORM PTO-1449		ATTY. DOCKET NO. 200310172-1	APPLICATION NO. 10768,442	CONFIRMATION NO.
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	7P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

M	7Q	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,892, Entitled: Method And Program Product For Performing Electromigration Analysis In A Digital Integrated Circuit Through A Single Cycle Transient Simulation; Filed November 12, 2003
W	7R	KELLER, S. Brandon; ROGERS, Dennis R.; LELM, Charles A.; U.S. Patent Application Serial Number 10/706,508, Entitled: Method And Program Product For Performing Self-Heating Analysis In A Digital Integrated Circuit Layout Database by Substituting Resistive Models For Active Devices; Filed November 12, 2003
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